1637  
PATENT  
JFW

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Wang, Xiao B.

Confirmation No.: 8468

Serial No.: 09/862,417

Group Art Unit: 1637

Filed: May 23, 2001

Examiner: Siew

Docket No.: 122001-1050

For: Isometric Primer Extension Method and Kit for Detection and Quantification of Specific Nucleic Acid

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This information disclosure statement is filed in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98, and specifically:

- ☐ under 37 CFR 1.97(b), or  
(within Three months of filing national application; or date of entry of international application; or before  
mailing date of first office action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97(c) together with either a:  
☒ Statement Under 37 C.F.R. 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97(b) time period, but before the final office action or notice of allowance, whichever  
occurs first)
- ☐ under 37 CFR 1.97(d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).  
(Filed after final office action or notice of allowance, whichever occurs first, but before payment of the  
issue fee)

At any time during the pendency of this application, please charge any fees required to Deposit Account 20-0778 pursuant  
to 37 CFR 1.25. The Commissioner is hereby requested to credit any overpayment to Deposit Account No. 20-0778.

- ☒ Applicant(s) submit herewith *Form PTO 1449A - Information Disclosure Statement by Applicant* together with copies  
(where required) of non-U.S. patents, publications or other information of which applicant(s) are aware, which  
applicant(s) believe(s) may or may not be material to the examination of this application and for which there may be a  
duty to disclose in accordance with 37 CFR 1.56. As required by 37 C.F.R. §1.98(a), a legible copy of each non-U.S.  
document is provided.
- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and  
other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in  
37 CFR 1.56(c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent  
is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English  
language version of the search report or action which indicates the degree of relevance found by the foreign office is listed  
on the form PTO 1449 and is enclosed herewith.

06/16/2004 3DIRETRI 00000028 09862417

01 FC:1606

160.00 DA

The following rights are reserved by the Applicant(s): the right to establish the patentability of the claimed invention over any of the listed documents should they be applied as reference, and/or the right to prove that some of these documents may not be prior art, and/or the right to prove that some of these documents may not be enabling for the teachings they purport to offer.


This statement should not be construed as a representation that an exhaustive search has been made, or that information more material to the examination of the present application does not exist. Any statements or identifications regarding the relevance of any portion(s) of cited references should not be construed as a representation that the most relevant portion(s) have been identified, and the absence of such statements or identifications should not be construed as representations that there are no relevant portion(s). The Examiner is specifically requested not to rely solely on the materials submitted herewith. The Examiner is requested to conduct an independent and thorough review of the documents, and to form independent opinions as to their significance.

It is requested that the information disclosed herein be made of record in this application and that the Examiner initial and return a copy of the enclosed PTO-1449 to indicate the documents have been considered.

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**


By:

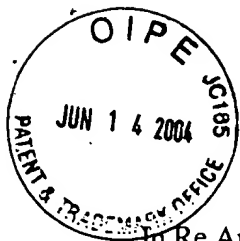
  
Charles Vorndran, Reg. No. 45,315

100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948  
770-933-9500

**CERTIFIED MAILING**

I hereby certify that this correspondence is being deposited  
with the United States Postal Service as "First Class Mail,"  
in an envelope addressed to: Commissioner for Patents, P.O.  
Box 1450, Alexandria, VA 22313-1450 on June 9, 2009

  
Signature



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Wang, Xiao B.

Serial No.: 09/862,417

Filed: May 23, 2001

Group Art Unit: 1637

Examiner: Siew

Docket No. 122001-1050

Confirmation No.: 8468

For: Isometric Primer Extension Method and Kit for Detection and Quantification of Specific Nucleic Acid

**STATEMENT UNDER 37 C.F.R. §1.97(e)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

The undersigned hereby certifies that either:

- ☒ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, or in a PCT Application, not more than three months prior to the filing of the Information Disclosure Statement, or
- ☐ No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign office in a counterpart foreign application, and to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

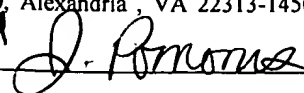
Respectfully Submitted,

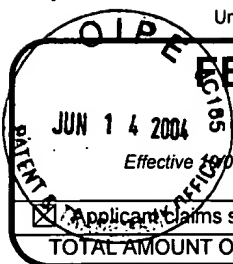
**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY L.L.P.**

By:   
Charles Vorndran, Reg. No. 45,315

100 Galleria Parkway, Suite 1750  
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770-933-9500

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# **FREE TRANSMITTAL** **for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revisions.

☒ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180.00****Complete If Known**

Application Number	09/862,417
Filing Date	May 23, 2001
First Named Inventor	Wang, Xiao Bing
Examiner Name	Siew
Group / Art Unit	1637
Attorney Docket No.	122001-1050

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account

Deposit Account Number

**20-0778**

Deposit Account Name

**Thomas, Kayden, Horstemeyer Risley, L.L.P.**

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility Filing Fee	
1002	340	2002	170	Design Filing Fee	
1003	530	2003	265	Plant Filing Fee	
1004	770	2004	385	Reissue Filing Fee	
1005	160	2005	80	Provisional Filing Fee	
SUBTOTAL (1) (\$)					

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee From Below	Fee Paid
Total Claims	- 20**=	X 9.00	=
Independent Claims	- 3**=	X 43.00	=
Multiple Dependent		145.00	=

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				

\*\*or number previously paid, if greater; For Reissues, see above

**FEES CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge-late filing fee or oath	
1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive-unavoidable	
1453	1,330	2453	655	Petition to revive-unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee for provisional application	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each add. invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited exam. of a design application	
Other fee (specify) Petition Under 37 C.F.R. § 1.313(c)					
SUBTOTAL (3) (\$)					<b>180.00</b>

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**Typed or Printed Name  
Signature**Charles Vorndran**

Registration No.

**45,315**


Telephone Number

**770-933-9500**

Date

*Charles Vond**6-9-04***WARNING: Information on this form may become public. Credit Card Information should not****Be included on this form. Provide credit card information and authorization on PTO-2038**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Form PTO-1449				Attorney Docket No. <b>122001.1050</b>		Serial No. <b>09/862,417</b>	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE CITATION</b></p> <p>(Use several sheets if necessary)</p> </div> </div>				Applicant <b>Xiao Bing Wang</b>			
				Filing Date <b>May 23, 2001</b>		Group <b>1637</b>	

U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	1	6,007,987	12/28/1999	Cantor			


FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes    No

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>		

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	DATE CONSIDERED:
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Form PTO-1449				Attorney Docket No. <b>122001.1050</b>		Serial No. <b>09/862,417</b>	
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p><b>INFORMATION DISCLOSURE CITATION</b></p> <p><i>(Use several sheets if necessary)</i></p> </div> </div>				Applicant <b>Xiao Bing Wang</b>			
				Filing Date <b>May 23, 2001</b>		Group <b>1637</b>	

U.S. PATENT DOCUMENTS							
Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	1	5,650,277	07/22/1997	Navot, et al.			

FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes      No

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, etc.)</i>		

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	DATE CONSIDERED:
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